

REMARKS

I. Amendments to the Drawings

This amendment changes reference numerals in Figures 13, 15A, and 15B.

These changes correspond to amendments made in the specification described below.

II. Amendments to the Specification

Applicants have corrected various reference numerals for objects depicted in the figures on pages 35-38.

III. Amendments to the Claims

Non-elected claims 1-14 and 85-113 are canceled. Claims 15-84 remain pending. Applicants thank the Examiner for indicating that claims 15-84 contain allowable subject matter.

In the Office Action, the Examiner objected to claims 18, 34, 53, and 70 for repetitive recitation of the word “transistor.” Applicants respectfully traverse this objection. The claims recite “transistor transistor logic,” also known as TTL, which refers at least to a class of digital circuits built from bipolar junction transistors, diodes, and resistors. Thus, Applicants assert that “transistor transistor logic” is used correctly in claims 18, 34, 53, and 70 and therefore should not be amended.

At the Examiner’s request, Applicants have amended the claims to change “configure to” to “configured to.”

The Examiner requested cancellation of claim 61 because it was an exact duplicate of claim 59. Applicants have amended claim 59 to differentiate it from claim 61. Thus, claim 61 need not be canceled.

The Examiner rejected claims 15, 16, 31, 47-49, 51, 66, 68, 83, and 84 under 35 U.S.C. § 112, ¶ 2 as being indefinite based on lack of antecedent basis. Applicants have amended the claims accordingly to overcome the rejection.

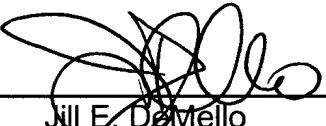
In view of the foregoing amendments and remarks, Applicants respectfully request reconsideration and reexamination of this application and the timely allowance of the pending claims.

Please grant any extensions of time required to enter this response and charge any additional required fees to our deposit account 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: October 21, 2004

By: 

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Attachment: Replacement Drawings